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**BOX: PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Application of Takanori SUZUKI, Takayoshi ENDO and Sakai YAGI  
**REAR COMBINATION LAMP**  
Our Reference: Q52250

Dear Sir:

Attached hereto is the application identified above including the specification, claims, executed Declaration and Power of Attorney, six (6) sheets of drawings, Information Disclosure Statement, PTO Form 1449 with references, executed Assignment and PTO Form 1595.

The Government filing fee is calculated as follows:

Total Claims	10 - 20 =	0 x \$22 =	\$ 000.00
Independent Claims	1 - 3 =	0 x \$82 =	\$ 000.00
Base Filing Fee	(\$790.00)		\$ 790.00
Multiple Dep. Claim Fee	(\$270.00)		\$ 000.00
<b>TOTAL FILING FEE</b>			<b>\$ 790.00</b>
Recordation of Assignment Fee			\$ 40.00
<b>TOTAL U.S. GOVERNMENT FEE</b>			<b>\$ 830.00</b>

Checks for the statutory filing fee of \$ 790.00 and Assignment recordation fee of \$ 40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

Japanese Patent Application

P. Hei. 9-304563

Filing Date

November 6, 1997

The priority document will be submitted at a later date.

Respectfully submitted,  
SUGHRUE, MION, ZINN, MACPEAK & SEAS  
Attorneys for Applicant(s)

By

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## REAR COMBINATION LAMP

### BACKGROUND OF THE INVENTION

#### 1. Field of the Invention

The present invention relates to a rear  
5 combination lamp for a vehicle.

The present application is based on Japanese  
Patent Application No. Hei. 9-304563, which is  
incorporated herein by reference.

#### 2. Description of the Related Art

10 There have heretofore been known various rear  
combination lamps. For example, Unexamined  
Japanese Patent Publication No. Hei. 6-275117  
discloses a rear combination lamp as shown in Fig.  
11. In Fig. 11, a base plate 100 of a rectangular  
15 tray-like shape is defined by a rectangular back  
plate 101 and a peripheral wall 102 formed  
perpendicularly on a peripheral edge portion of the  
back plate 101, and the peripheral wall 102 is  
notched or removed at one corner portion of the  
20 base plate 100, and a connector 120 is mounted on  
this corner portion. Holding ribs 103 for holding  
wires W in position, press-connecting ribs 104 for  
holding the wires W for press-connecting purposes,  
and fixing bosses 105 for fixing sockets 130 are  
25 formed on an upper surface of the back plate 101.

A wire groove 103a, having a width slightly  
smaller than the thickness or diameter of the wire  
W, is formed in an upper surface of the holding rib  
103, and similarly, a wire groove 104a is formed in  
30 an upper surface of the press-connecting rib 104.  
The socket 130 has a pair of fixing legs 134 each  
having a fixing hole 134a, and press-connecting  
terminals 132 each having a downwardly-open, slit-  
like notch, are received within the socket 130.

For installing the wires W in the rear combination lamp of the above construction, each wire W is first pressed into the wire grooves 103a of the holding ribs 103, and is held thereby, and also is connected to the wire groove 104a in the press-connecting rib 104. Then, the fixing holes 134a, formed respectively in the fixing legs 134 of each socket 130, are aligned respectively with the fixing bosses 105 on the back plate 101, and the socket 130 is pressed, thereby fitting the fixing holes 134a respectively in the fixing bosses 105. As a result, the wire W, held in the wire groove 104a in the press-connecting rib 104, is press-fitted into the notch in the press-connecting terminal 132 received within the socket 130, and at the same time a sheath of the wire W is cut, and the terminal within the socket is brought into contact with a conductor of the wire W, so that the socket 130 and the wire W are electrically connected together. Finally, lamps are attached respectively to the sockets 130, thus completing the assembling operation.

A rear combination lamp as shown in Fig. 12 is disclosed in Unexamined Japanese Patent Publication No. Hei. 3-20979. In Fig. 12, spring retainer plates 201 and socket support bases 202 are formed upright on a base plate 200. An electrically-conductive socket 203, having a pair of lamp holding portions 204 of an arcuate cross-section, is fitted in the socket support base 202. A downwardly-extending spring tongue 213 is formed integrally on a top plate 212 of the socket 203.

In this combination lamp, wiring is provided using a flexible printed circuit board 210. First, terminal portions 211 of the flexible printed circuit board 210 are passed respectively through slits (not shown) formed through the base plate

200, and each terminal portion 211 is inserted between the spring tongue 213 and lamp holding portions 204 of the associated socket 203. Then, a lamp 220, having a lamp terminal 221 at its rear end, is fitted between the lamp holding portions 204, so that the lamp terminal 221 and the terminal portion 211 of the flexible printed circuit board are electrically connected together.

However, the above conventional rear combination lamps have the following problems. In the rear combination lamp disclosed in Unexamined Japanese Patent Publication No. Hei. 6-275117, there is required the base plate 100 which has many fixing ribs 103 and the press-connecting ribs 104 for the purpose of arranging and installing the wires W, and therefore the costs of the component parts are high, and besides the operation for press-connecting the socket 130 to the wires W is troublesome, and therefore the productivity has been poor.

In the rear combination lamp disclosed in Unexamined Japanese Patent Publication No. Hei. 3-20979, also, there is required the base plate 200, and it is necessary to prepare various flexible printed circuit boards 210 for various kinds of vehicles having different structures and sizes, and these have increased the production cost.

#### SUMMARY OF THE INVENTION

With the above problems in view, it is an object of the present invention to provide a rear combination lamp which has a reduced number of component parts, and can be easily assembled.

In order to solve the above problems, according to the first aspect of the present invention, there is provided a rear combination lamp which comprises: a lamp; a socket holding

the lamp, the socket including a plurality of connection terminals which are electrically connected to the lamp; a plurality of conductor contact portions respectively formed on the connection terminals; a socket mounting portion, including: a socket mounting port in which the socket is detachably mounted, the socket mounting port being formed in a rear side of the socket mounting portion, a reflection mirror provided on an inner surface of the socket mounting portion, and a front open portion formed in a front side of the socket mounting portion; a lens portion sealingly closing the front open portion of the socket mounting portion; a plurality of conductor mounting grooves formed in an end portion of the socket mounting port; and a plurality of conductors respectively mounted in the conductor mounting grooves; wherein when the socket is mounted in the socket mounting port, the conductors are respectively held in electrical contact with the conductor contact portions. Accordingly, the conductors are mounted directly on the socket mounting portion, and therefore there is no need to provide a board or a flexible printed circuit board, and the number of the component parts is reduced. And besides, the conductors can be mounted automatically.

Furthermore, according to the second aspect of the present invention, in the rear combination lamp of the first aspect, the conductors include wire-like conductors, the conductor mounting grooves include wiring grooves formed in a rear end surface of the socket mounting portion, and wherein the wire-like conductors are respectively installed in the wiring grooves. Accordingly, each wire-like conductor is cut into a required length, and is installed on the rear end surface of the socket

mounting portion, and by doing so, the wiring can be easily applied to various vehicles having different structures and sizes.

Furthermore, according to the third aspect of the present invention, in the rear combination lamp of the second aspect, the socket includes a socket body and a flange, the conductor contact portions each has resiliency, and the conductor contact portions respectively project from the flange so as to electrically contact the respective wire-like conductors when the socket is mounted in the socket mounting port. Accordingly, when the socket is mounted in the socket mounting port, the conductor contact portions are automatically brought into contact with the wire-like conductors, respectively, and therefore a press-connecting step is not necessary.

Furthermore, according to the fourth aspect of the present invention, in the rear combination lamp of the second aspect or the third aspect, the socket mounting portion has wiring ribs, and wherein the wire-like conductor is held between the wiring ribs. Accordingly, the strength of holding the wire-like conductor on the socket mounting portion is enhanced.

Furthermore, according to the fifth aspect of the present invention, the rear combination lamp of the first aspect may further comprises conductor holding recesses formed in an inner peripheral surface of the socket mounting port, wherein the conductors include plate-like conductors, the plate-like conductors are respectively mounted in the conductor holding recesses. Accordingly, an electrical connection between the conductor contact portion and the conductor is positively made. And besides, each of the plate-like conductors allows a large current to flow therethrough, and this

construction can be applied to a large-current circuit.

Furthermore, according to the sixth aspect of the present invention, in the rear combination lamp of the fifth aspect, the socket includes a socket body and a flange, the conductor contact portions each has resiliency, and the conductor contact portions respectively project from the socket body so as to electrically contact the respective plate-like conductors when the socket is mounted in the socket mounting port. Accordingly, when the socket is mounted in the socket mounting port, the conductor contact portions are automatically brought into electrical contact with the plate-like conductors, respectively, and therefore a press-connecting step is not necessary.

Furthermore, according to the seventh aspect of the present invention, in the rear combination lamp of the fifth aspect or the sixth aspect, the socket mounting portion has insulating ribs, and wherein the plate-like conductors are respectively held in the insulating ribs. Accordingly, the circuits of the plate-like conductors are kept insulated from each other in the vicinity of the socket mounting portion, and also the strength of holding the plate-like conductor on the socket mounting portion is enhanced.

Furthermore, according to the eighth aspect of the present invention, in the rear combination lamp of the first aspect, a plurality of the socket mounting portions respectively include the socket mounting ports, a plurality of the conductor mounting grooves formed in the respective end portions of the socket mounting ports, and a plurality of the conductors respectively mounted in the conductor mounting grooves, and wherein respective one of the conductors are mounted in the

conductor mounting grooves respectively formed in the end portions of at least two of the socket mounting ports.

#### BRIEF DESCRIPTION OF THE DRAWINGS

5 Fig. 1 is an exploded, perspective view showing a first embodiment of a rear combination lamp of the present invention;

Fig. 2 is a view of a socket as seen in a direction of arrow A of Fig. 1;

10 Fig. 3 is an enlarged, perspective view of a portion B of Fig. 1;

Fig. 4 is an enlarged cross-sectional view of the portion B of Fig. 1;

15 Fig. 5 is an exploded, perspective view showing a second embodiment of a rear combination lamp of the present invention;

Fig. 6 is an enlarged, perspective view of a portion D of Fig. 5;

20 Fig. 7 is a view of a socket as seen in a direction of arrow C of Fig. 5;

Fig. 8 is a cross-sectional view of the portion D of Fig. 5;

25 Fig. 9 is an exploded, perspective view showing a third embodiment of a rear combination lamp of the present invention;

Fig. 10 is an enlarged, perspective view of a portion E of Fig. 9;

Fig. 11 is an exploded, perspective view of a conventional rear combination lamp; and

30 Fig. 12 is an exploded, perspective view of another conventional rear combination lamp.

#### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Preferred embodiments of rear combination lamps of the present invention will now be



described in detail with reference to Figs. 1 to 10.

#### First Embodiment

Fig. 1 shows a rear combination lamp 1 according to a first embodiment of the present invention. The rear combination lamp 1 comprises a lamp body 2 and sockets 20. First, the construction of the lamp body 2 will be described. The lamp body 2 is made of a resin or the like, and includes hollow socket mounting portions 3 of a generally truncated pyramid-shape, and a lens portion 6 formed integrally with bottoms of these socket mounting portions.

An upper portion of a peripheral wall of the socket mounting portion 3 is bent radially inwardly toward an axis thereof to form a rear end surface 12, and an inner peripheral edge of the rear end surface 12 defines a socket mounting port 5. A reflection mirror (not shown) is provided on an inner surface of the socket mounting portion 3 so as to suppress a loss of lamp light within the lamp body 2.

As shown best in Fig. 3, wiring grooves (conductor mounting grooves) 8 are formed in the rear end surface 12 of the socket mounting portion 3. A fixing hole 9 is formed in a distal end of the bottom of the wiring groove 8, and fixing ribs 7 are formed perpendicularly on opposite side edge portions of the wiring groove 8. A pair of wiring ribs 10 are formed on the outer surface of the socket mounting portion 3.

For installing a wire 4 (in the form of a wire-like conductor) on the socket mounting portion 3 of the above construction, the wire 4, having a distal end portion from which a sheath has been removed, is first held between the wiring ribs 10.

Then, an exposed portion 4a of the wire is fitted into the wiring groove 8, and also a distal end of the wire exposed portion 4a is inserted into the fixing hole 9. Finally, the fixing ribs 7 are fused, thereby fixing the wire 4 in the wiring groove 8, thus completing the wiring operation. Instead of the wire 4, a plated wire can be installed in the same manner.

Next, the construction of the socket 20 will be described with reference to Fig. 2. As shown in this Figure, a socket body 21 is fixedly secured to a flange 22. The socket body 21 as well as the flange 22 is made of a resin or the like. A connection terminal 23, mounted in the socket body 21, has a conductor contact portion 24 which is formed by bending a relevant portion of a plate material, and is resilient. The connection terminal 23 is provided within the socket body 21 by insert molding or post mounting in such a manner that the conductor contact portion 24 projects upwardly (Fig. 2) from the flange 22.

Fig. 4 shows a condition in which the socket 20 of the above construction is mounted on the socket mounting portion 3. The socket 20 is inserted in the socket mounting port 5, and the socket 20 is retained on the socket mounting portion 3 by a retaining portion (not shown), and as is clear from Fig. 2, the conductor contact portion 24 is held in contact with the wire exposed portion 4a of the wire installed in the wiring groove 8.

In the rear combination lamp 1 of this embodiment, the wiring grooves 8 are formed in the rear end surface 12 of the socket mounting portion 3, and the wire 4 or the plated wire 11 is provided in the wiring groove 8. Thus, the wire-like conductors are installed directly on the lamp body

2, and therefore there is no need to use a board or a flexible printed circuit board, and the number of the component parts is reduced, so that the production cost is reduced. Each of the wire-like conductors is suitably cut into a required length, and is installed in the wiring groove 8, and by doing so, this construction can be applied to various vehicles having different structures and sizes, and therefore a high versatility is obtained. If the installation of the wire-like conductors is effected automatically, the efficiency of the production is enhanced.

The conductor contact portion 24 projects from the flange 22 of the socket 20 so as to contact the wire-like conductor. Therefore, when the socket 20 is mounted on the lamp body 2, the conductor contact portion 24 is automatically brought into contact with the wire-like conductor, and therefore an assembling step, such as a press-connecting step, is not necessary, and the production efficiency is further enhanced.

The pair of wiring ribs 10 for holding the wire 4 or the plated wire 11 therebetween are formed on the outer surface of the socket mounting portion 3. Therefore, the strength of holding the wire-like conductor 4 on the socket mounting portion 3 is increased, and therefore the reliability of the rear combination lamp 1 is enhanced.

## Second Embodiment

Fig. 5 shows a rear combination lamp 40 according to a second embodiment of the present invention. The rear combination lamp 40 comprises a lamp body 41, and sockets 60 as described above for the first embodiment, but the construction of the second embodiment is partly different from that

of the first embodiment. First, the lamp body 41 will be described.

In this embodiment, also, the lamp body 41 includes socket mounting portions 42 and a lens portion 47. However, as best shown in Fig. 6, the construction of that portion in the vicinity of a socket mounting port 46 is different from that of the first embodiment. More specifically, conductor holding recesses 44 are formed in a peripheral surface of the socket mounting port 46, and conductor mounting grooves 45 are formed in a rear end surface 48 of the socket mounting portion 42. A plate-like conductor 43 is mounted by press fitting or the like in the conductor holding recess 44 and the conductor mounting groove 45, a distal end portion of the conductor 43 being so shaped as to be fitted in the conductor holding recess 44.

Next, the socket 60 will be described with reference to Fig. 7. In this embodiment, also, the socket 60 comprises a socket body 61 and a flange 62, and each of connection terminals 63, mounted in the socket body 61, has a conductor contact portion 64 which is formed by bending a relevant portion of a plate material, and is resilient. However, in this embodiment unlike the first embodiment, the connection terminals 23 are mounted within the socket body 61 in such a manner that the conductor contact portions 64 project laterally (Fig. 7) from the socket body 61.

Fig. 8 shows a condition in which the socket 60 is mounted on the socket mounting portion 42. As is clear from this Figure, the conductor contact portion 64 is held in contact with the plate-like conductor 43 mounted in the conductor holding recess 44.

In the rear combination lamp 40 of this embodiment, the conductor holding recesses 44 are

formed in the peripheral surface of the socket mounting port 46, and the conductor mounting grooves 45 are formed in the rear end surface 48 of the socket mounting portion 42, and each plate-like conductor 43 is mounted in the associated conductor holding recess 44 and the associated conductor mounting groove 45, and the conductor contact portions 64 project from the socket body 61 so as to contact the plate-like conductors 43, respectively. Each of the conductors has a plate-like configuration, and therefore can be positively electrically connected to the conductor contact portion 64, so that the reliability of the rear combination lamp 40 is further enhanced. And besides, the plate-like conductors 43 allow a large electric current to flow therethrough, and therefore this construction can be applied to a large-current circuit, and the versatility is further enhanced.

### Third Embodiment

Fig. 9 shows a rear combination lamp 80 according to a third embodiment of the present invention. The rear combination lamp 80 comprises a lamp body 81, and sockets 60 as described above for the second embodiment. However, the construction of the lamp body 81 of the third embodiment is partly different from that of the second embodiment.

More specifically, as shown in Fig. 10, insulating ribs 85 for holding plate-like conductors 83 are formed on outer surfaces of socket mounting portions 82. The insulating ribs 85 are formed integrally with the socket mounting portions 82.

In the rear combination lamp 80 of this embodiment, the insulating ribs 85 for holding the

plate-like conductors 83 are formed on the outer surfaces of the socket mounting portions 82, and therefore the circuits of the plate-like conductors 83 are kept insulated from each other in the vicinity of the socket mounting portion 82, and also the strength of holding the plate-like conductors 83 on the socket mounting portion 82 is increased, and therefore the reliability of the rear combination lamp 80 is further enhanced.

In the rear combination lamp of the present invention, the conductor mounting grooves are formed in the end portion of the socket mounting port, and the conductors are mounted respectively in the conductor mounting grooves. Thus, the conductors are mounted directly on the lamp body, and therefore there is no need to provide a board or a flexible printed circuit board, and the number of the component parts is reduced.

And besides, if the conductors are mounted automatically, the efficiency of the production is enhanced.

When the socket is mounted on the lamp body, the conductor contact portion is automatically brought into contact with the conductor mounted on the end portion of the socket mounting port, and therefore a press-connecting step is not necessary, and the production efficiency is further enhanced.

In the rear combination lamp of the present invention, the conductor is a wire-like conductor, and the wire-like conductors are installed on the rear end surface of the socket mounting portion.

Therefore, each wire-like conductor is cut into a required length, and is installed on the rear end surface of the socket mounting portion, and by doing so, the wiring can be easily applied

to various vehicles having different structures and sizes, and the versatility is enhanced.

5 In the rear combination lamp of the present invention, the socket mounting portion has the wiring ribs for holding the wire-like conductor therebetween. Therefore, the strength of holding the wire-like conductor on the socket mounting portion is enhanced.

10 In the rear combination lamp of the present invention, the conductor is a plate-like conductor, and the plate-like conductors are mounted respectively in the conductor holding recesses formed in the peripheral surface of the socket mounting port. Therefore, an electrical connection  
15 between the conductor contact portion and the conductor is positively made, so that the reliability of the rear combination lamp is further enhanced. And besides, the plate-like conductor allows a large current to flow therethrough, and this construction can be applied to a large-current  
20 circuit, and the versatility is further enhanced.

25 In the rear combination lamp of the present invention, the socket mounting portion has the insulating ribs for holding the plate-like conductors. Therefore, the circuits of the plate-like conductors are kept insulated from each other in the vicinity of the socket mounting portion, and also the strength of holding the plate-like conductors on the socket mounting portion is  
30 enhanced, and therefore the reliability of the rear combination lamp is further enhanced.

What Is Claimed Is:

1. A rear combination lamp, comprising:  
a lamp;  
a socket holding the lamp, the socket including a plurality of connection terminals which are electrically connected to the lamp;  
a plurality of conductor contact portions respectively formed on the connection terminals;  
a socket mounting portion, including:  
a socket mounting port in which the socket is detachably mounted, the socket mounting port being formed in a rear side of the socket mounting portion,  
a reflection mirror provided on an inner surface of the socket mounting portion, and  
a front open portion formed in a front side of the socket mounting portion;  
a lens portion sealingly closing the front open portion of the socket mounting portion;  
a plurality of conductor mounting grooves formed in an end portion of the socket mounting port; and  
a plurality of conductors respectively mounted in the conductor mounting grooves;  
wherein when the socket is mounted in the socket mounting port, the conductors are respectively held in electrical contact with the conductor contact portions.

2. The rear combination lamp of claim 1, wherein the conductors include wire-like conductors, the conductor mounting grooves include wiring grooves formed in a rear end surface of the socket mounting portion, and wherein the wire-like conductors are respectively installed in the wiring grooves.



1           3.       The rear combination lamp of claim 2,  
2 wherein the socket includes a socket body and a  
3 flange, the conductor contact portions each has  
4 resiliency, and the conductor contact portions  
5 respectively project from the flange so as to  
6 electrically contact the respective wire-like  
7 conductors when the socket is mounted in the socket  
8 mounting port.

1           4.       The rear combination lamp of claim 2,  
2 wherein the socket mounting portion has wiring  
3 ribs, and wherein the wire-like conductor is held  
4 between the wiring ribs.

1           5.       The rear combination lamp of claim 3,  
2 wherein the socket mounting portion has wiring  
3 ribs, and wherein the wire-like conductor is held  
4 between the wiring ribs.

1           6.       The rear combination lamp of claim 1,  
2 further comprising conductor holding recesses  
3 formed in an inner peripheral surface of the socket  
4 mounting port, wherein the conductors include  
5 plate-like conductors, the plate-like conductors  
6 are respectively mounted in the conductor holding  
7 recesses.

1           7.       The rear combination lamp of claim 6,  
2 wherein the socket includes a socket body and a  
3 flange, the conductor contact portions each has  
4 resiliency, and the conductor contact portions  
5 respectively project from the socket body so as to  
6 electrically contact the respective plate-like  
7 conductors when the socket is mounted in the socket  
8 mounting port.

1           8.       The rear combination lamp of claim 6,  
2       wherein the socket mounting portion has insulating  
3       ribs, and wherein the plate-like conductors are  
4       respectively held in the insulating ribs.

1           9.       The rear combination lamp of claim 7,  
2       wherein the socket mounting portion has insulating  
3       ribs, and wherein the plate-like conductors are  
4       respectively held in the insulating ribs.

1           10.      The rear combination lamp of claim 1,  
2       wherein a plurality of the socket mounting portions  
3       respectively include the socket mounting ports, a  
4       plurality of the conductor mounting grooves formed  
5       in the respective end portions of the socket  
6       mounting ports, and a plurality of the conductors  
7       respectively mounted in the conductor mounting  
8       grooves, and wherein respective one of the  
9       conductors are mounted in the conductor mounting  
10      grooves respectively formed in the end portions of  
11      at least two of the socket mounting ports.

# ABSTRACT OF THE DISCLOSURE

A rear combination lamp comprises a lamp body including socket mounting portions and a lens portion, and sockets. Lamps are respectively attached to the sockets. Each of the socket mounting portions has a hollow construction of a generally truncated pyramid-shape. Conductors are mounted on rear end portions of the socket mounting portions to form a predetermined circuit. Connection terminals each having a conductor contact portion are arranged within the sockets. The respective conductor contact portions project from flanges or socket bodies of the sockets so as to contact the respective conductors. When the respective sockets are mounted in the respective socket mounting portions, the respective conductors can be electrically connected to the respective lamps through the conductor contact portions of the connection terminals.

Fig. 1

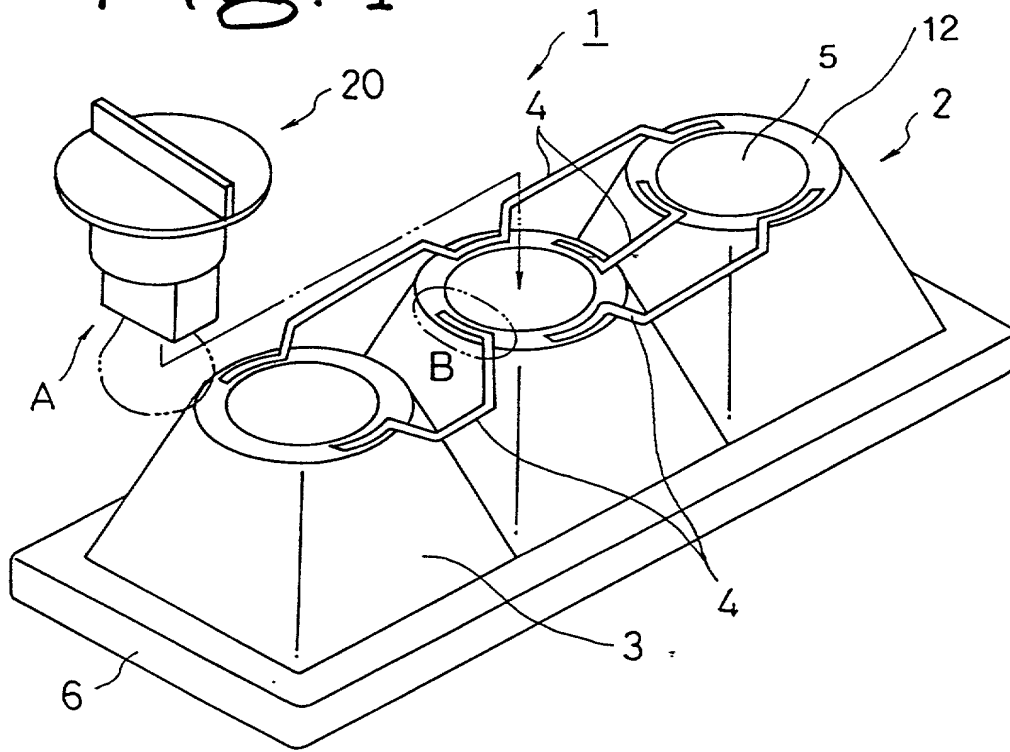
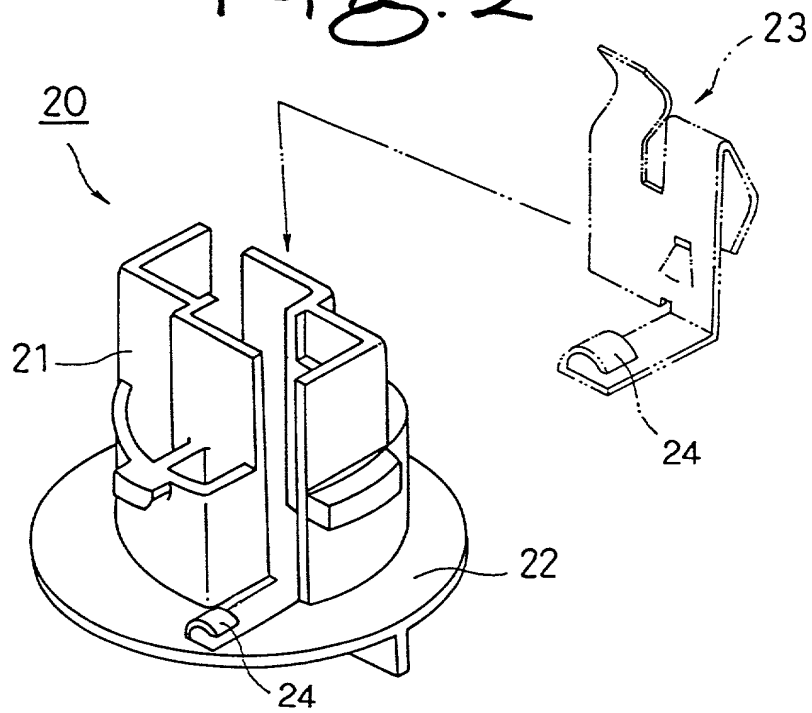
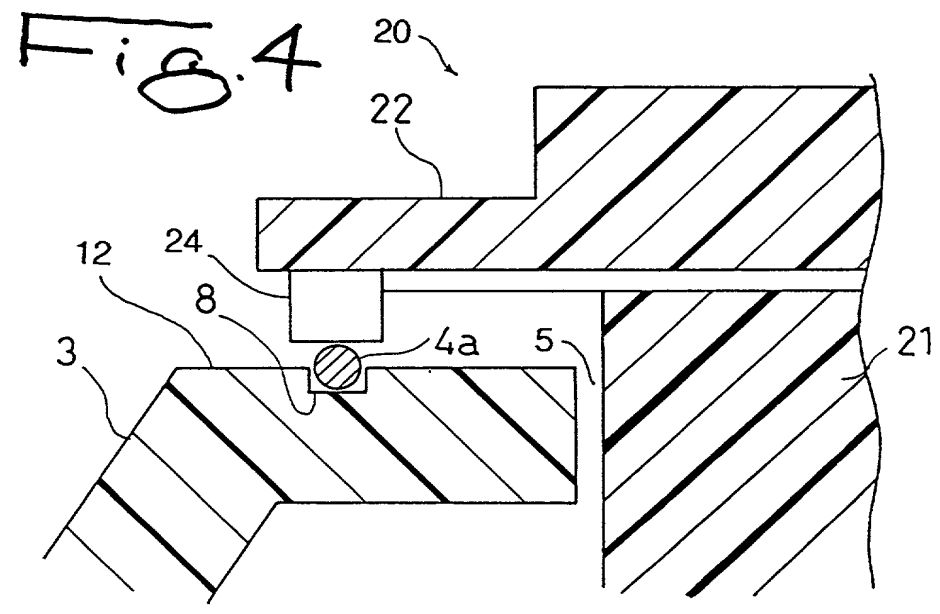
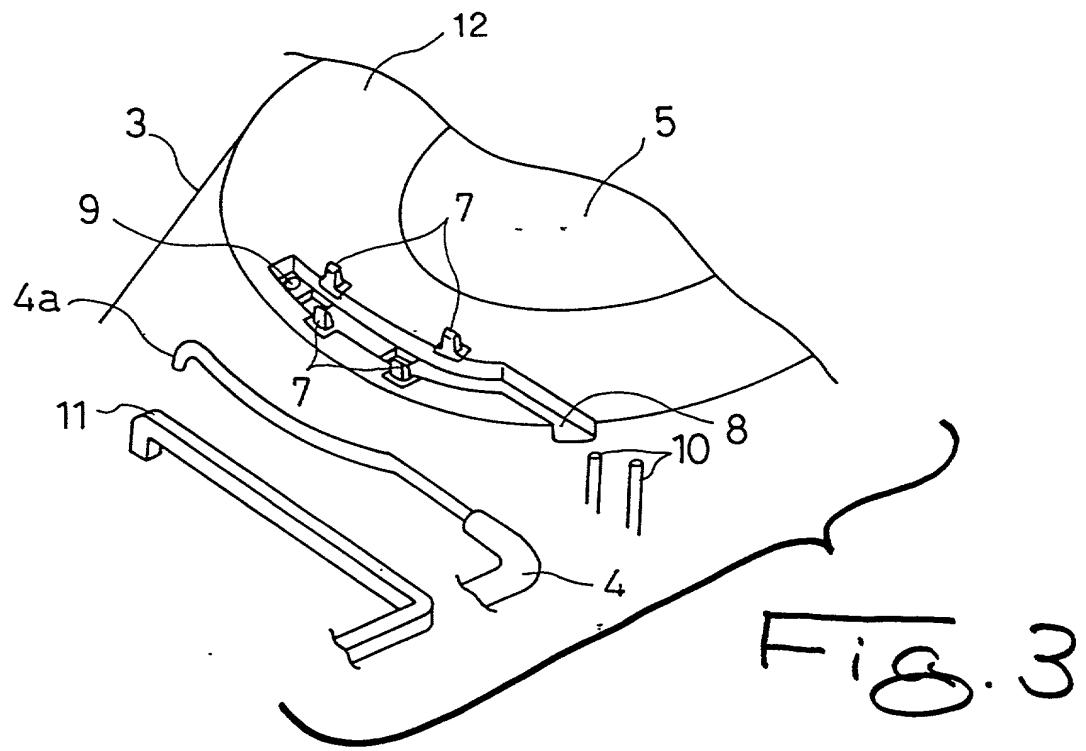


Fig. 2





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Fig. 5

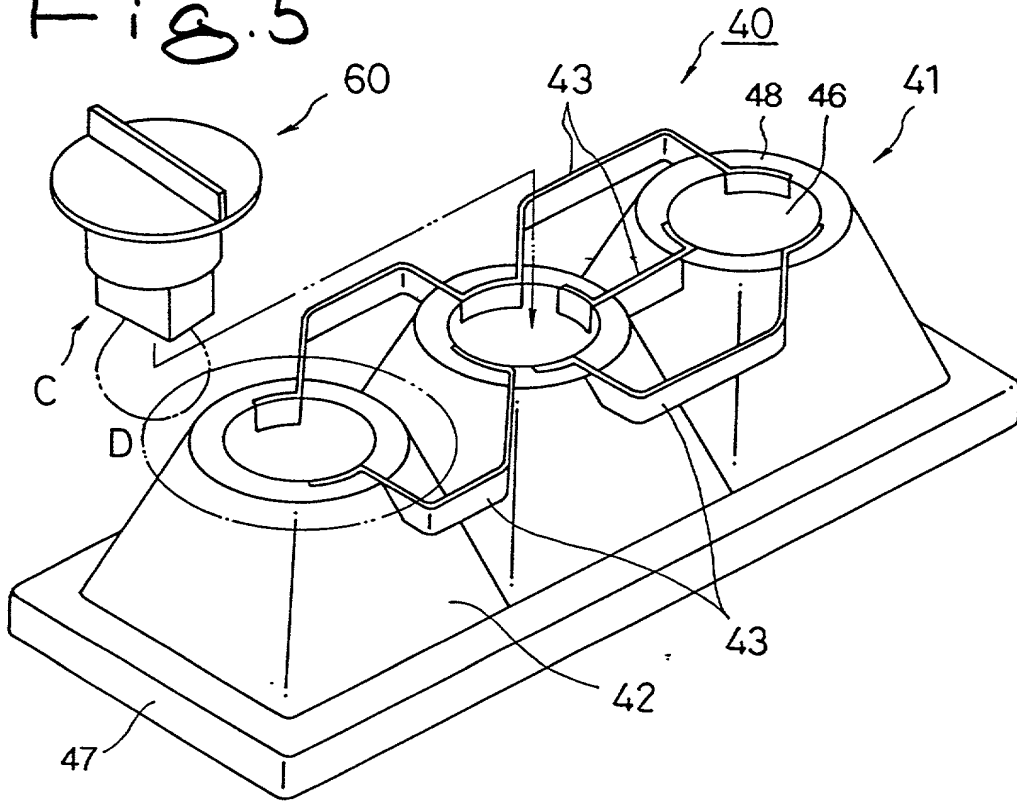
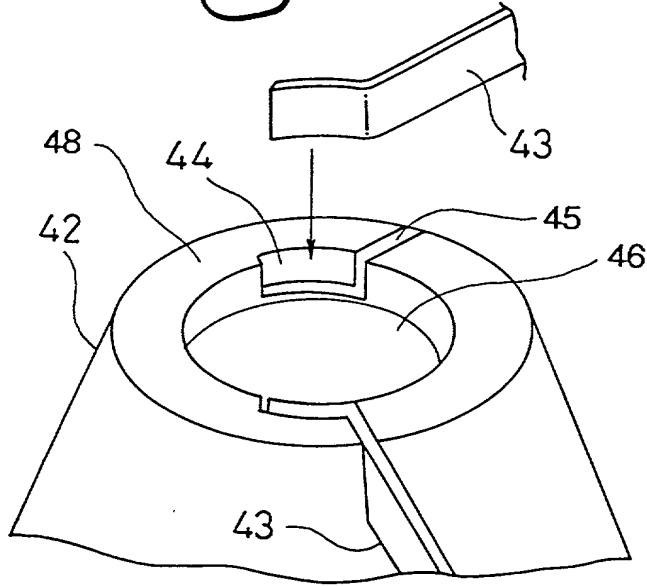


Fig. 6



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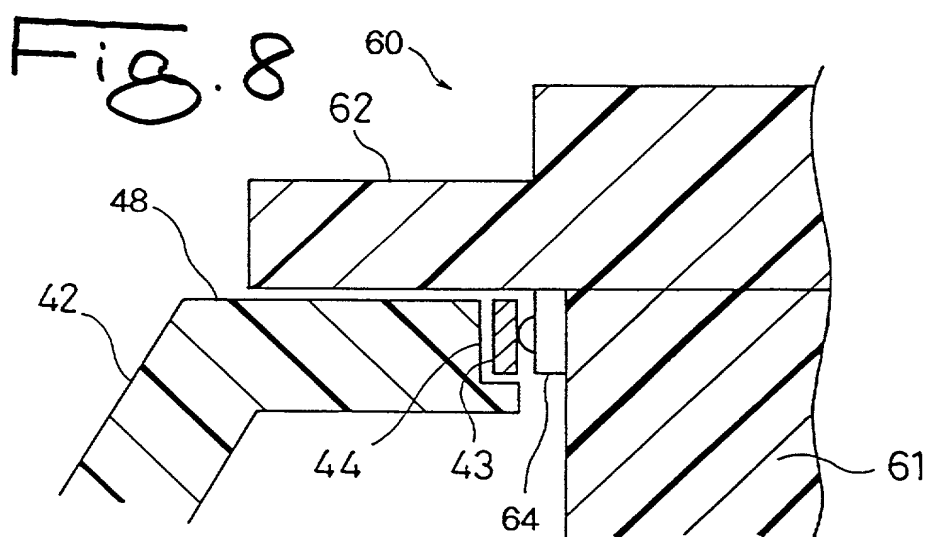
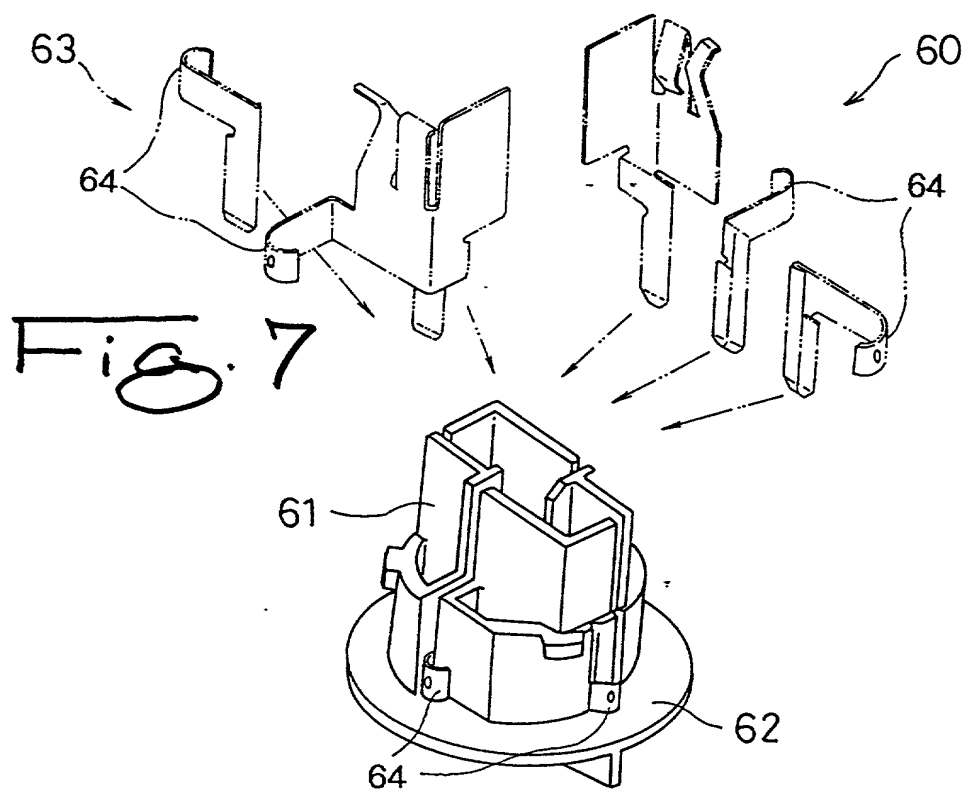


Fig. 9

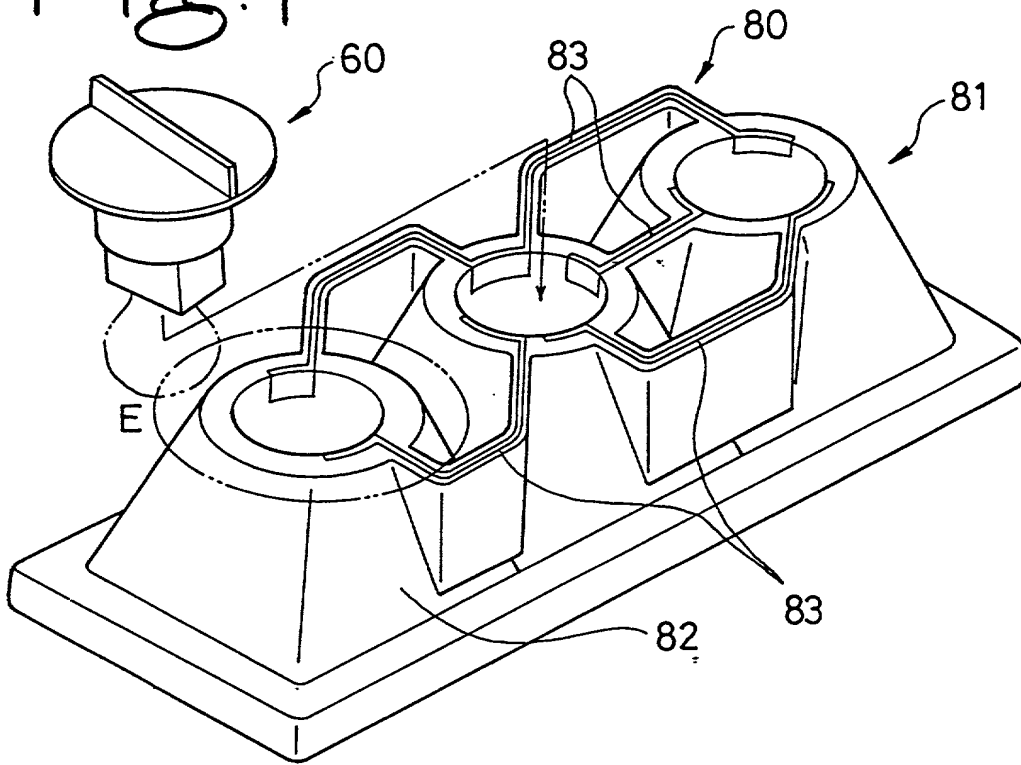


Fig. 10

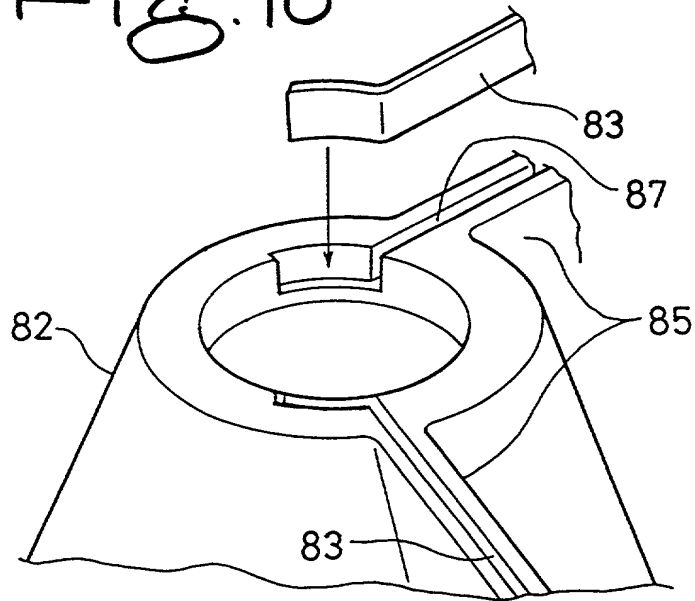




Fig. 11

PRIOR ART

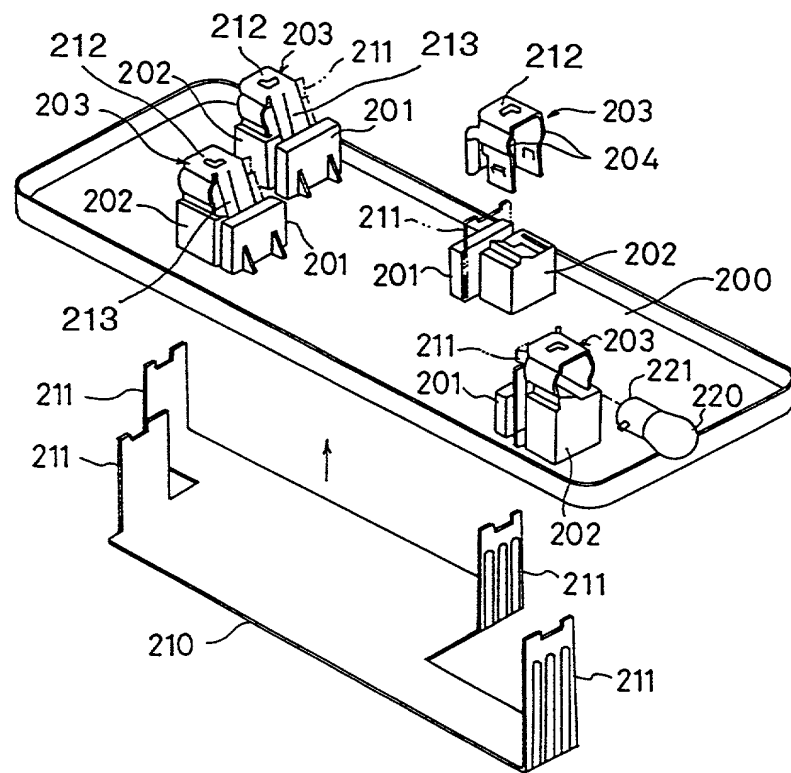
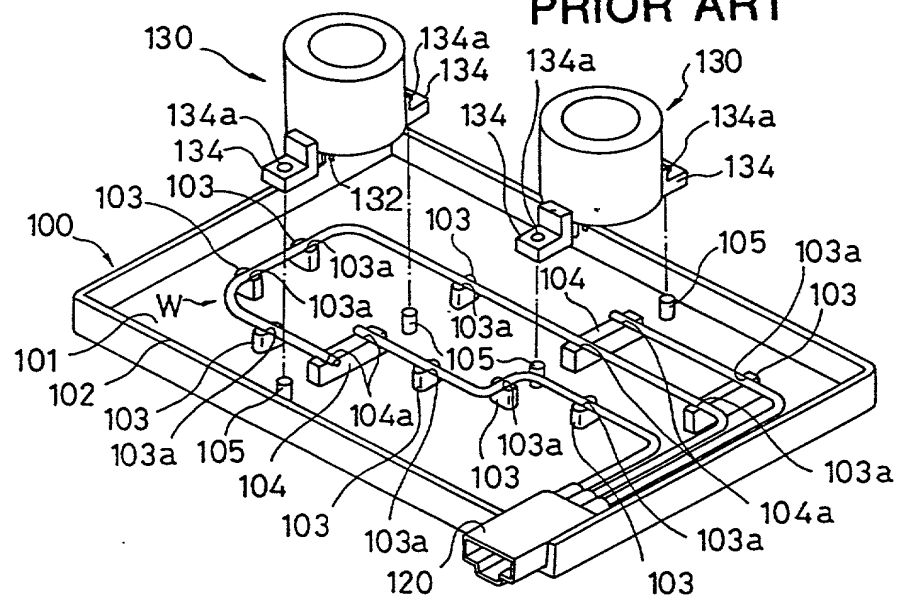


Fig. 12 PRIOR ART

65026760

# DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## REAR COMBINATION LAMP

the specification of which is attached hereto unless the following box is checked:

☐ was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information of which is material to the patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

P. Hei. 9-304563	Japan	6/11/1997	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefits under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

_____	_____
(Application Number)	(Filing Date)

I hereby claim the benefits under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

_____	_____	_____
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
_____	_____	_____
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Scott M. Daniels, Reg. No. 32,562; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765 and Robert M. Masters, Reg. No. 35,603; my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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